ABSTRACT OF THE DISCLOSURE

    According to an apparatus for collecting a profile of a
program, a CPU generates an interrupt when a branch
instruction is executed during the execution of the program.
In this interrupt, an analyzing section determines whether
the executed branch instruction is a instruction relating to
the execution of a subroutine, and, in the case where the
branch instruction is a instruction relating to the execution
of the subroutine, a collecting section extracts a profile of
the subroutine and stores it in a profile memory section.